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PATENT NUMBER

## U.S. UTILITY Patent Application

M.S.	O.I.P.E.	PATENT DATE
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APPLICATION NO. 09/887738	CONT/PRIOR F	CLASS 015	SUBCLASS 1	ART UNIT 1744	EXAMINER
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## APPLICANTS

Helmut Rotherberger

**TITLE**

Spring shaft for pipe cleaning apparatus

PTO-2040  
12/99[illegible]

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>		<b>CLAIMS ALLOWED</b>	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		<b>NOTICE OF ALLOWANCE MAILED</b>	
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